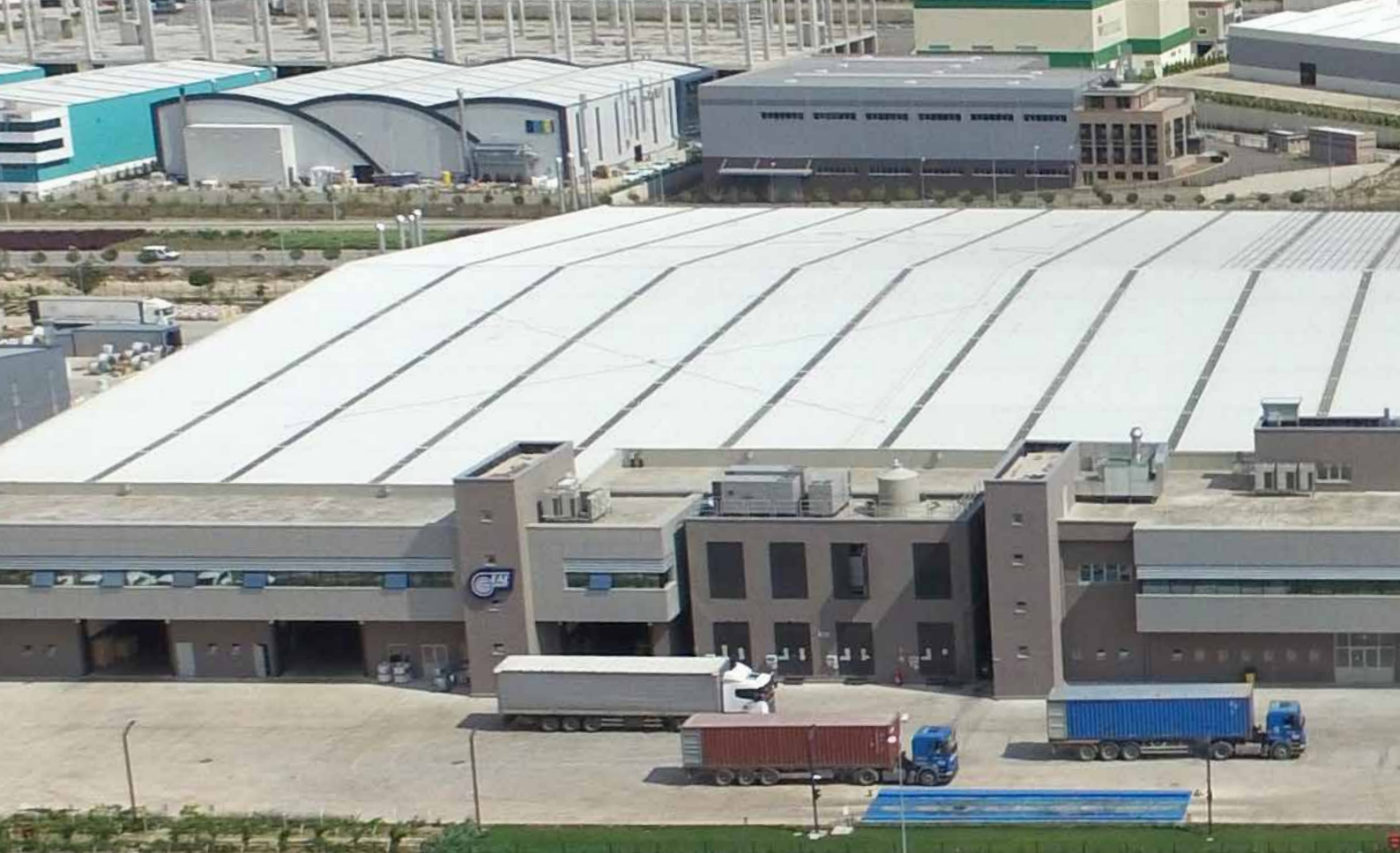


Flexible Production Lines

From coil to final product...





ABOUT US

EAE Group of Companies journey began in 1973. EAE Machinery who is a member of EAE Group has started activities since 1996. EAE Machinery has been producing decoilers, roll straighteners, electronic roll feeders, stamping lines, cut to length lines, roll forming machines and flexible manufacturing lines as turnkey solution.

Thanks to its competitiveness policy focused on customer needs, EAE Machinery is one of the leading enterprises in the production of equipment for the processing of coiled sheet metal.

The production program includes:

- Mechanical and Hydraulic Decoilers
- Roll Straighteners
- Electronic Roll Feeders
- Roll Straightener and Feeders
- Recoilers
- Standard Press Feeding Lines
- Compact models Press Feeding Lines (CFL00/01/02/03/04)
- Cut to Length Lines including Transfer of Stacking, De-stacking Systems
- Slitting and Blanking Lines
- Coil Punching Lines
- Roll Forming Machines (classic, duplex, cassette types)
- Mechanical and Hydraulic Cutting Units
- Transfer Conveyor, Run out Conveyor and Stacking Units
- Flexible production lines (FMS)

The roll forming production program includes of coiled sheet metal processing, widely used in industries such as automotive, building, home appliances, agriculture, road construction, and many others where large quantities of accurately processed metal components are required.

EAE Machinery provide both standard and flexible production lines for the processing of coiled sheet metal of different products as turnkey solution.

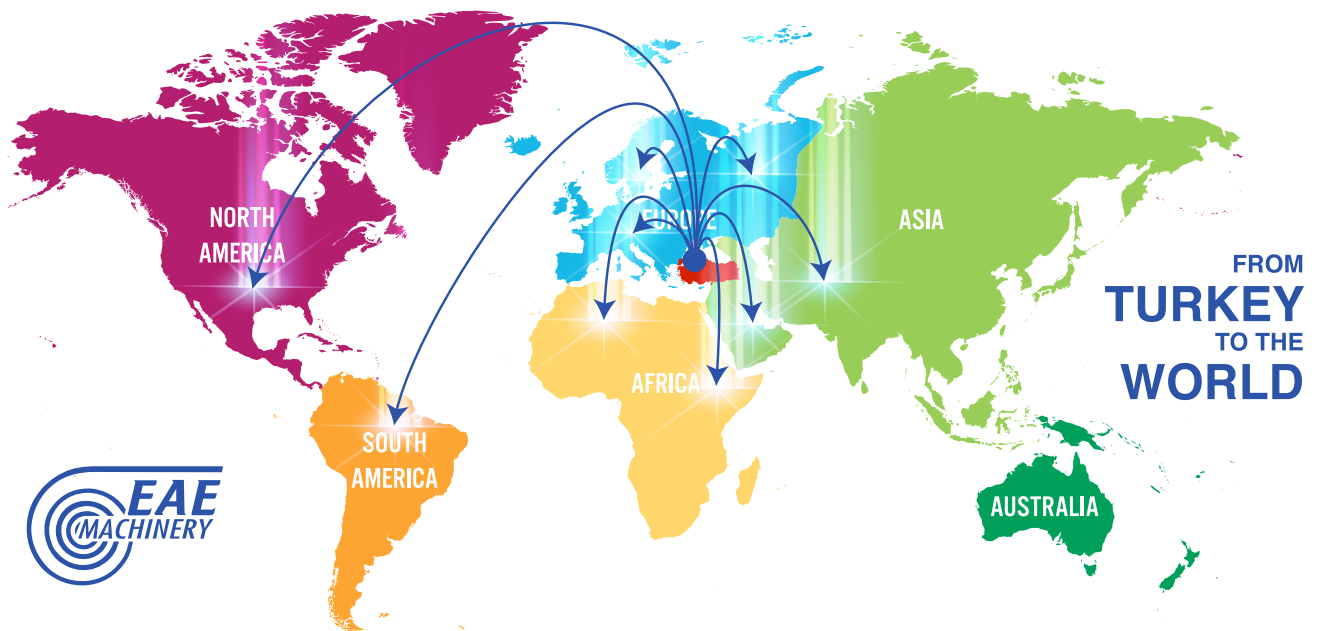
EAE Group of Companies





Based on EAE Group of Companies experience and know-how, machines are built with technical reliability and safety, high flexibility, and quick replacement of roll tools or quick tool changing. All Roll forming equipment is delivered as flexible manufacturing lines (FMS) and consist of the most advanced programming systems producing real shapes in real

dimensions, with the material thickness from 0.2 to 8.0 mm which are produced for every industry and application. The process is highly efficient and allows for precise customization of metal products according to specific requirements.



**SALES
MARKETING**



PRESENTATION

*From coil
to final product...*

**2D / 3D
DESIGN**



TEST AREA



Turnkey Solutions

**ROLL FORM
ASSEMBLY**



**MACHINE
FINAL TEST**



Content



06

Market Shelving System



08

Metal Furniture Systems



10

Logistic Storage Racking Systems



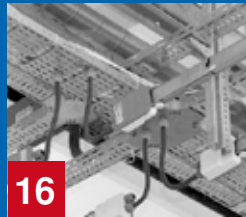
12

Road Barrier Systems



14

Construction and Solar Systems



16

Cable Management Systems (Cable Tray)



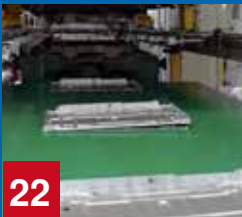
18-19

Electrical Enclosures and Coil Punching Lines - Lighting Fixture Equipment



20

Cut to Length Lines, Transfer Systems and De-Stacking Systems



22

Household Appliances Industry



24

Automotive Industry



26-27

Agricultural Transport System - Agriculture and Farming Industry



28

Scaffolding Plank and Accessories, Metal Grid and Decking Systems



30

Gypsum Board (Drywall) and PVC Windows Systems



32-33

Metal Door and Elevator Systems - Panel Radiator Top Grill and Side Cover



34

Gutters, Downspout Pipes and Corrugated roof Systems



36-37

Vehicle (Car) License Plate Systems - Painting Facility Panels Production Lines



38

Coil Feeding Line Integrated with Industry 4.0 (Full Automatic)





Market Shelving Systems

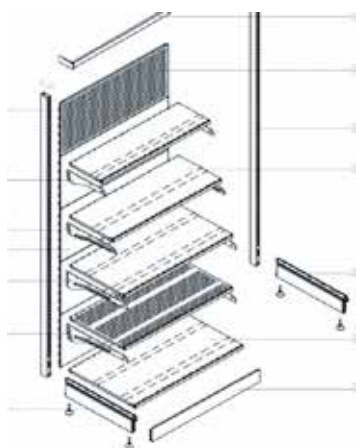
6

Market shelves are extensively used in retail stores such as supermarkets, convenience stores, clothing stores, electronics shops, and home improvement stores. They are used to display products, making them easily accessible to customers.

The manufacturing of these shelf systems often involves a combination of various machines and processes, including roll forming machines, sheet metal bending machines, welding

equipment, and finishing tools. These machines are used to create different components of the shelf systems, such as shelves, stiffeners, back panels, brackets, frames, and other structural elements.

Flexible Roll forming machines are used in the production of shelf-rack components because they can efficiently shape coil metal into specific profiles, which are then used





to construct the shelves. Roll forming production lines are capable of high-volume production and can create consistent and precise shapes, making them ideal for manufacturing components of market-shelf systems.

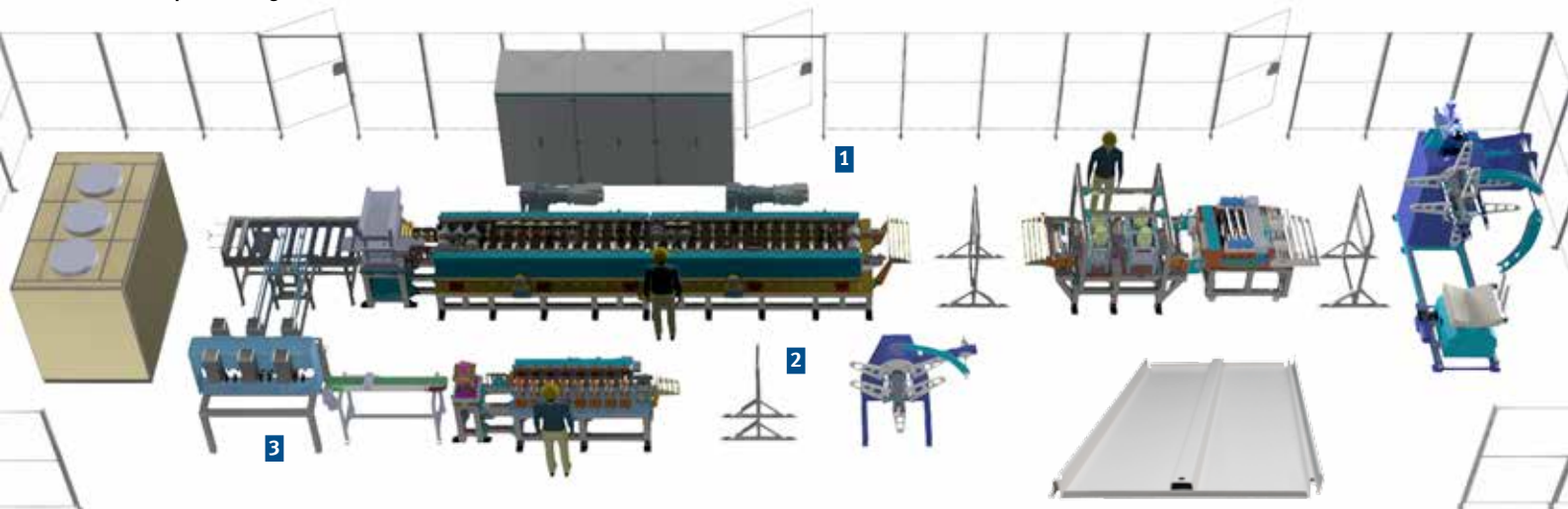
Layout (3D) production lines of **Shelf with Stiffener**, as turnkey solution:

1. **Shelf Production** Line with Decoiler, Punching, Duplex Roll Forming Machine and Transfer Conveyor.
2. **Stiffener Production** Line with Decoiler, Classic type Roll Forming Machine.
3. **Spot Welding Unit.**

1. Market **Upright** Roll forming Machine
2. Market **Upright** HF Welding process
3. Market **Back Panel** Production line
4. Market **Shelf** Punching Station



For videos, please scan QR code





Metal Furniture Systems



For videos, please scan QR code

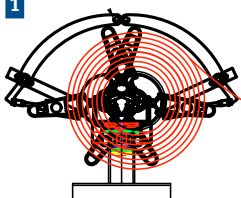
8

In the context of metal furniture manufacturing, our machines, such as feeding lines, cut to length lines, roll forming machines are used to create specific profiles and components that are integral to furniture design and structure.

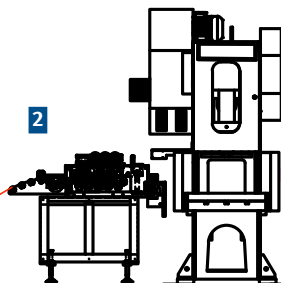
Flexible Production Lines make it possible to produce metal furniture of coiled sheet metal, for offices, manufacturing enterprises, educational institutions, such as **metal accessories for home furniture, metal wardrobes for clothes, metal cabinets for documents and archives, cabinets for tools, pedestals and etc.**



1

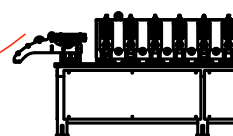
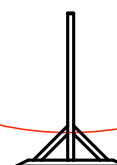


2



3

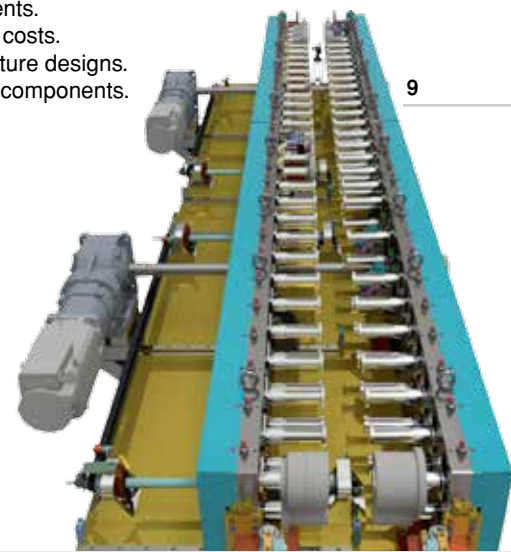
4



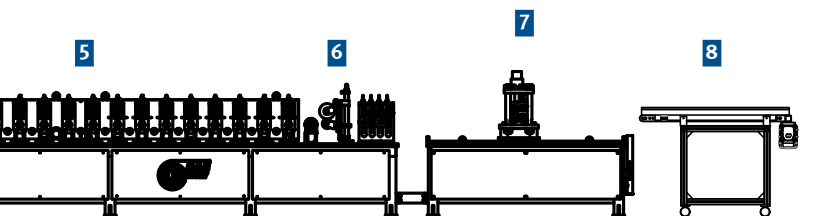


Benefits of Roll Forming in Furniture Production

- Roll forming ensures high precision and consistency in the production of metal components.
- Roll forming offers cost-effective solutions for high-volume production, reducing per-unit costs.
- Roll forming machines can be adapted for various profiles, accommodating diverse furniture designs.
- Roll forming is a continuous and efficient process, allowing for rapid production of metal components.



9



Layout for production line of Furniture Slide Rail:

1. Double Head Mechanical Decoiler
2. Roll Straightener and Feeder
3. Mechanical Press with Punching Tools
4. Loop Control
5. Roll Forming Machine (classic type)
6. Calibration Station
7. Cutting Unit
8. Exit Conveyor



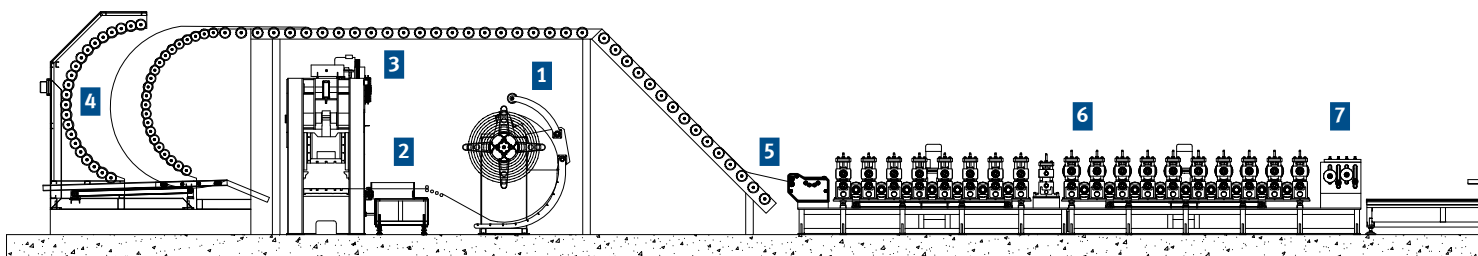
Logistic Storage Racking Systems



For videos, please scan QR code

10 Logistic storage systems, also known as warehouse storage systems or distribution center storage systems, are specialized solutions designed to efficiently store, organize, and manage goods within a warehouse or distribution facility. These systems are necessary for supply chain management, ensuring accurate inventory management, streamlined order fulfillment, and optimized use of warehouse space.

Roll forming machines are important in the production of components used in logistic storage systems. **EAE Machinery** machines are designed to efficiently shape metal coils into specific profiles, creating durable and precise parts that are essential for various storage solutions. Components that our roll forming machines produce for logistic storage systems are **Rack-Shelf, Upright, H-rack, Mini-rack, Traverse, Diagonal profiles, and other structural elements according to customer's request.**



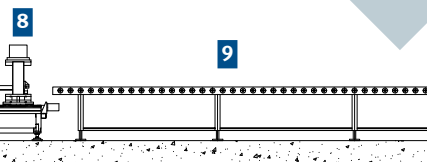


Production lines parts on the photos, for example:

1. **Upright, H-rack profiles** production line with Upper Loop solution, Press and Roll forming machine.
2. **Travers** production line with Duplex type Roll forming machine and Flying shear.
3. **Logistic Rack Shelf** production line includes Cutting and Bending Stations
4. **Duplex type** Roll forming Machine means quick change and easily adjustable width and height.

Layout production line of **Upright, H-rack** (with 4 types dimension):

1. Hydraulic Decoiler and Coil Car
2. Straightener and Feeder Unit
3. Eccentric Press
4. Upper Loop System (rotate type)
5. Strip Guider
6. Roll Forming Machine (Duplex type)
7. Turkish Head (Calibration station)
8. Flying Shear with Cutting Tools for 4 types dimension.
9. Run out Conveyor





Road Barrier Systems (Guard Rail 2W-Beam, B-Beam, 3W-Beam, C-Post, Σ -Post)

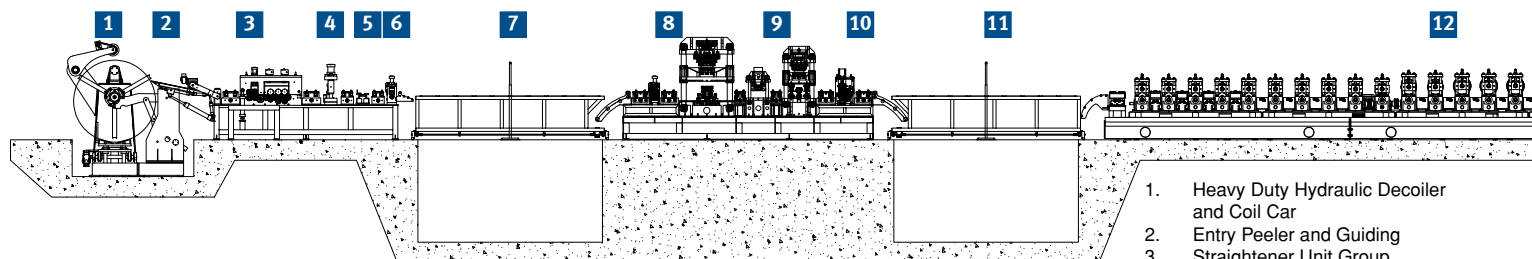
12

Road barrier systems are essential safety measures designed to enhance road safety and prevent accidents. These systems are installed along roads, highways, and other transportation routes to control traffic flow, protect pedestrians and drivers, and minimize the impact of collisions.

EAE Machinery production program includes roll forming lines for **Guard Rail 2W-Beam, B-Beam, 3W-Beam, C Post, Sigma Post, and related accessory production lines.**

Production line with classic or cassette types Roll forming machine for Guard Rail 2W-Beam, B-Beam, 3W-Beam:

- Start- stop or automatic operation with quick change roll tools
- Strip thickness : 2.0 - 3.5 mm
- Material : S235JR / S355JR / S420MC



1. Heavy Duty Hydraulic Decoller and Coil Car
2. Entry Peeler and Guiding
3. Straightener Unit Group
4. Hydraulic Shear
5. Strip Welding Unit

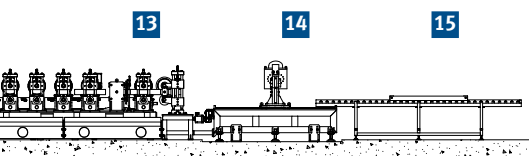


For videos, please scan QR code

1. 3W-Beam Roll forming machine (cassette type)
2. 2W-Beam Production Line with Decoiler, Punching station, Roll forming machine, Flying shear.
3. Straightener and Feeder, strip cutting and welding station.
4. Hydraulic Press Heads and Tools
5. C post and Sigma Post Run out Conveyor with Pullin Unit

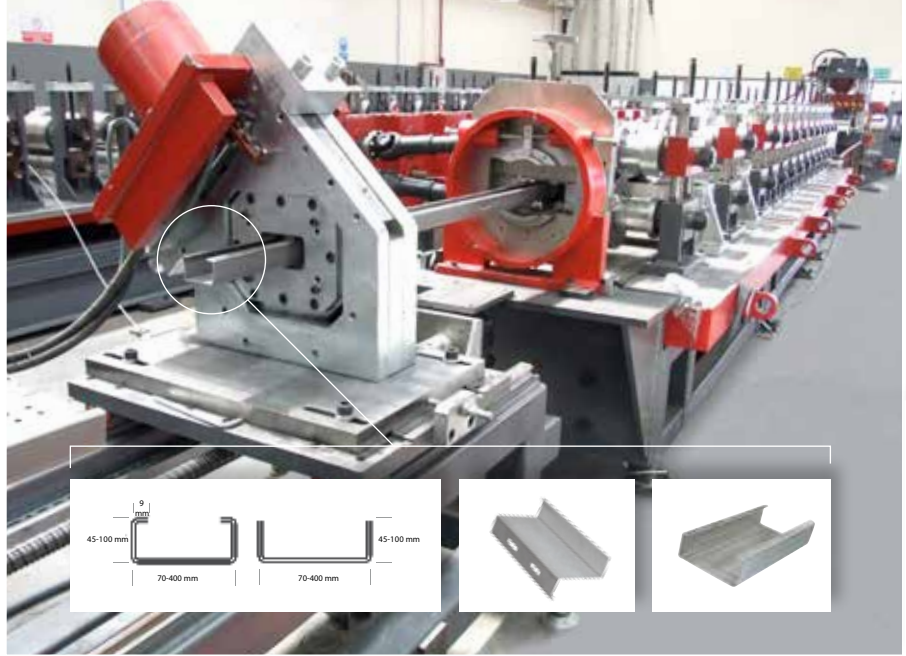
Production line with classic or cassette type Roll Forming machine for C Post, Sigma Post:

- Start- stop or automatic operation with quick change roll Tools
- Strip thickness : 3.0 - 5.0 mm
- Material : S235JR/ S355JR



- | | |
|--------------------------------|--|
| 6. Pinch Roll Unit | 12. Roll Forming Machine (cassette type) |
| 7. First Loop Pit and Bridge | 13. Calibration Unit |
| 8. Feeder Unit | 14. Flying Shear |
| 9. Hydraulic Multi Press | 15. Run out Conveyor and Pulling Unit |
| 10. Pinch Roll Unit | |
| 11. Second Loop Pit and Bridge | |





Construction and Solar Systems (C, U, Z, Sigma and Purlin Profiles)



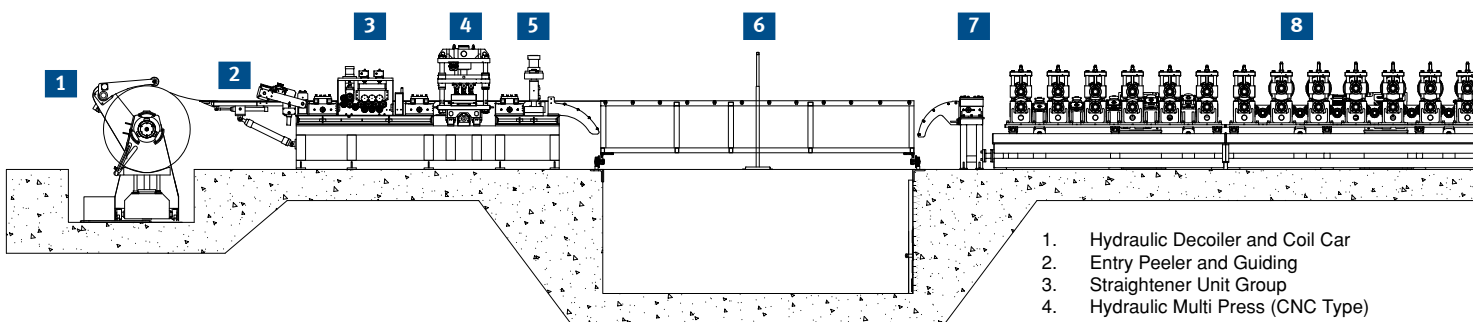
For videos, please scan QR code

14

C, U, Z, Sigma, and purlin profiles are types of steel profiles widely used in the construction as purlin lines and solar energy industries. In both construction and solar systems, these profiles offer the advantages of strength, flexibility, and ease of installation. They play an important role in ensuring the stability and durability of various structures, making them indispensable components in modern building and solar energy applications.

These profiles are applications in **Building Construction, Roofing Systems, Industrial Structures, Architectural Applications, also Structural Support and Ground Mounting Structures in Solar systems.**

Roll forming machines are capable of producing these profiles efficiently and with high precision. Roll forming technology allows for consistent production from coil metal of complex profiles, making it ideal for manufacturing C, U, Z, Sigma, and purlin profiles in large quantities.



1. Hydraulic Decoiler and Coil Car
2. Entry Peeler and Guiding
3. Straightener Unit Group
4. Hydraulic Multi Press (CNC Type)
5. Hydraulic Shear
6. Loop Pit and Bridge

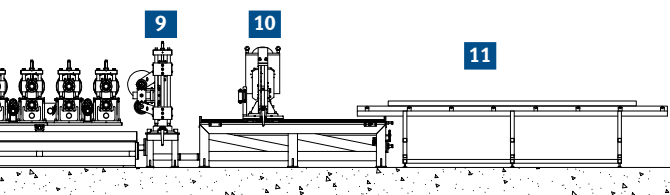


Production lines parts on the photos, for example:

1. Hydraulic Decoiler and Coil Car with Straightener and Feeder Unit.
2. Flying Shear and cutting tool for Z profile.
3. Flying Shear and cutting tool for C profile.
4. Hydraulic Punching and Cutting Station
5. Run out Conveyor with Pulling System, length up to 12 meter.
6. Duplex Roll forming Machine and Turkish Head

General Specifications in Production program:

- Options start-stop or automatic operation mode motorized width adjustment
- Duplex type roll form machine (Quick and easy change of setting of profile width and height)
- Punching and shearing operations shall be done by multi head press for different application
- Strip thickness : 1,5-4.0 mm (5.0 mm)
- Material : S235JR, S355JR



7. Strip Guider
8. Roll Forming Machine: duplex type
9. Turkish Head
10. Flying Shear and Cutting Tools
11. Run out Conveyor with Pulling Unit

**Layout
production
line**





Cable Management Systems (Cable Tray)



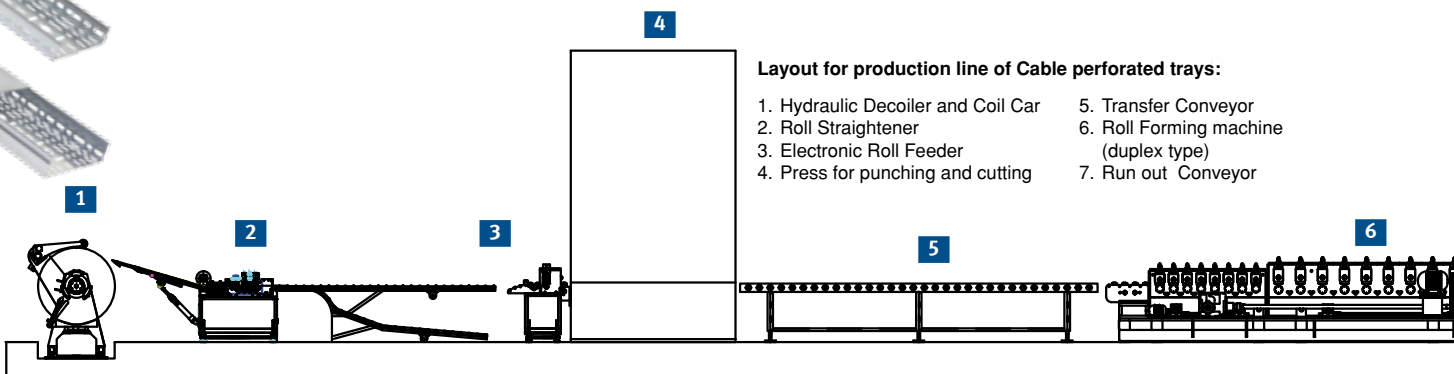
For videos, please scan QR code

16

A cable tray is a structural system used to support and manage electrical cable managements in various commercial and industrial applications. Cable trays are necessary for organizing and protecting cables, ensuring safety, and allowing easy access for maintenance. Advantages of Cable trays provide excellent ventilation for cables, prevent overheating, and allow easy maintenance and cable routing.

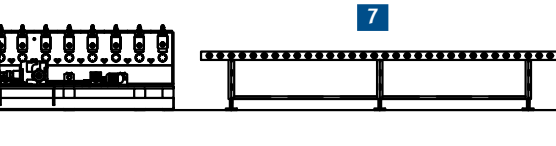
The key aspects production line of roll forming of cable trays and busbar:

- Material quality: pre-galvanized, galvanized, stainless steel, HRP material.
- Strip thickness : 0.6 - 2.0 mm
- Profile length : up to 12 meters (adjustable)
- Types : ladder trays, oil and gaz industry cable ladders, perforated trays, solid-bottom trays, accessories, busbar cases and etc..





Roll forming machines on flexible production lines are the ideal solution for manufacturing cable trays from coiled sheet metal. Its precision, efficiency, adaptability, and cost-effectiveness make it a preferred choice for large-scale, high-quality production in the cable tray industry.





Electrical Enclosures and Coil Punching Lines



For videos, please scan QR code

18

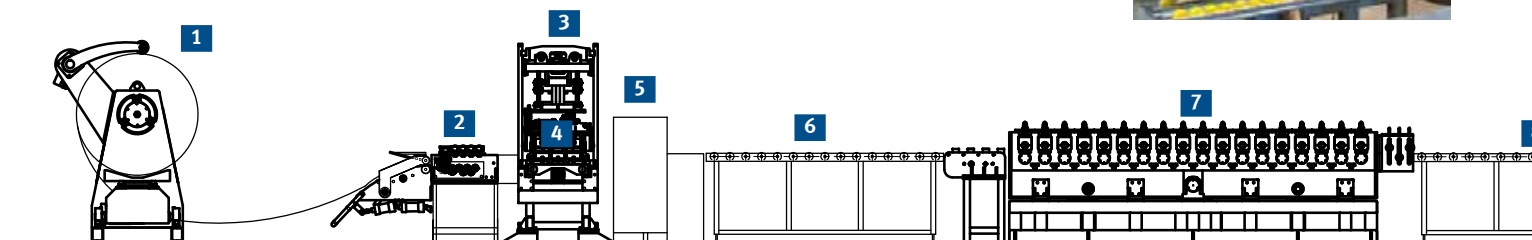
Manufacturing electrical enclosures involve various processes and technologies to meet industry standards and specific customer requirements.

Electrical Enclosures are manufactured on an automatic line with roll forming machines. It is also possible to pre-prepare the profile, starting from feeding the coil sheet metal, straightening and stamping at one station(with a set of tools), but without forming the profile.

The complex production solution allows for performing feeding, stamping, forming and cutting on one line, with the release of the finished product as turnkey.

Applications of Electrical Enclosures:

Industrial Control Systems, Power Distribution, Telecommunications, Renewable Energy, Data Centers, Outdoor Applications and etc.





Lighting Fixture Equipment Production Line

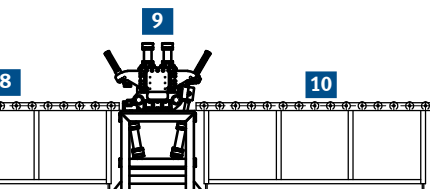
The production of lighting fixture equipment involves a series of stages that transform raw materials into finished lighting products.

Complex line of lighting equipment performs sequential operations for processing and cutting sheet metal, with the subsequent release of products ready for assembly and installation.

Turnkey system is flexible production line for profiles of lighting fixtures the interior, design such as:

- From the coil material by automatic punching and notching, profiling on the line and profile cutting hydraulic flying shear.
- Lighting Fixture are usually made aluminium, cutting flying shear to adjustable products length
- All profile types for lighting fixture depending on market and customer requirement

19



Layout for production line of Electrical Enclosure:

1. Hydraulic Decoiler (Coil car as option)
2. Straightener and Feeder Unit
3. Coil Punching Machine
4. Punching Tools
5. Mechanical Shear
6. Transfer Conveyor
7. Roll Forming Machine (classic or duplex types)
8. Transfer Conveyor
9. Bending Unit
10. Ru out Conveyor



Cut to Length Lines, Transfer Systems and De-Stacking Systems



For videos, please scan QR code

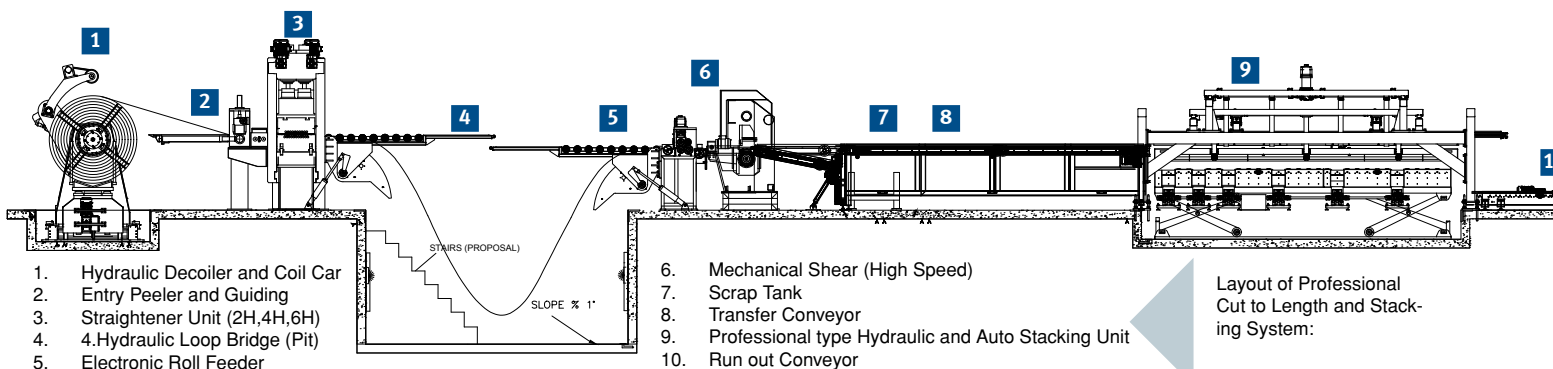
20

Cut to length lines are industrial systems used for processing of coiled sheet metal or other materials into specific lengths. These lines are designed to cut large coils into smaller, flat sheets or plates with precise measurements. Cut to length lines are widely used in various industries.

Production programs include different cutting lines, according to width, thickness, quality and production speeds. At the end of these lines, plate transfer systems and loading and unloading systems are also integrated.

Cut to Length System specifications:

- Strip width : 200 - 1500 mm
- Strip thickness : 0.4 - 2.0 mm, 0.8 - 3.0 mm, 1.0 - 5.0 mm.
- Speed (min/max) : 8 - 12 m/min, 12 - 20 m/min, 20 - 50 m/min.
- Coil quality : galvanized steel, stainless steel, DKP, aluminum and etc.



Layout of Professional Cut to Length and Stacking System:



Coil Slitting Line specifications:

- Strip width : 800 - 1500 mm
- Strip thickness : 0.4 - 1.0 mm, 0.6 - 2.0 mm
- Speed (min/max) : 12 - 20 m/min, 20 - 40 m/min
- Material quality : galvanized steel, DKP and painted steel, stainless steel.

Options:

- Film Coating Unit
- Paper Rewinder Unit
- Foil Coating Unit
- Weighing System
- Double Car for Stacking

1. Standard Model Cut to Length Line includes: Decoiler, Straightener and Feeder, Mechanical Shear, Bant transfer Conveyor, Pinch Roll, Simple Stacking Unit.
2. Cut to Length Line with Embossing consist are: Hydraulic Decoiler with coil car, Roller Entry Peeler, Straightener Unit, Feeder unit, Cutting Unit, Bant Transfer Conveyor, Embossing Unit, and Stacking Unit.
3. Hydraulic decoiler with Coil car and Straightener Unit (2H,4H,6H)
4. Professional Cut to length Line and De-Stacking System (more details in the Layout)
5. Coil Slitting Line, processing plants according to the customer's request.





Household Appliances Industry

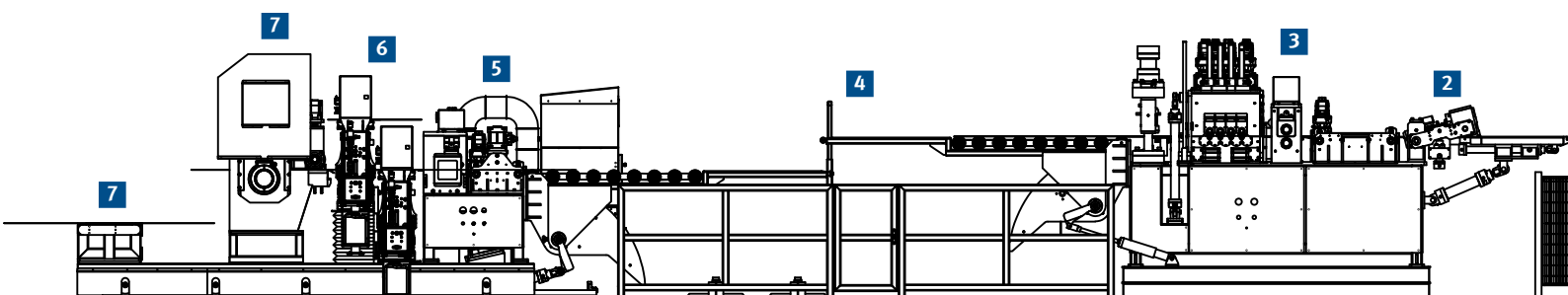


For videos, please scan QR code

22 The household appliances industry encompasses a wide range of products designed to make everyday tasks more convenient and efficient. This industry includes the manufacturing of various home appliances.

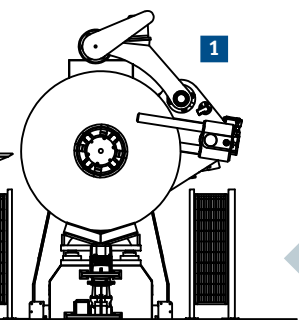
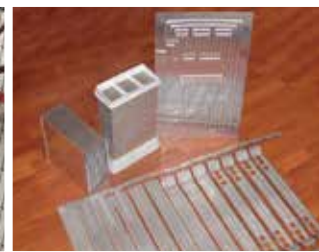
Production Lines are used for profiling profiles of various shapes and materials that are used in the Household Appliances Industry such as:

- **Refrigerators:** line side and top panels, door constructions, connecting boards, horizontal and vertical panel.
- **Gas and electric cookers:** body panels, side, horizontal panels of sheet metal.
- **Dishwasher:** line for door panels, side, bottom panels and etc.
- **Washing machine:** external part drum, front and rear part flange fixing and etc.





1. Feeding line of coil sheet metal
 2. Straightener and Mechanical cutting
 3. Sheet Transfer Conveyor
 4. Punching process with different tools.
 5. Output of finished products
 6. Roll forming Line with Fence System



1. ovable Body Hydraulic Decoiler with Coil Car
 2. Entry Peeler
 3. Roll Straightener and Crop Shear Units
 4. Hydraulic Loop Bridge and Control System
 5. Electronic Roll Feeder Unit with Special Rollers
 6. Lubrication Unit
 7. Mechanical Shear
 8. Transfer Conveyor





4



1



5

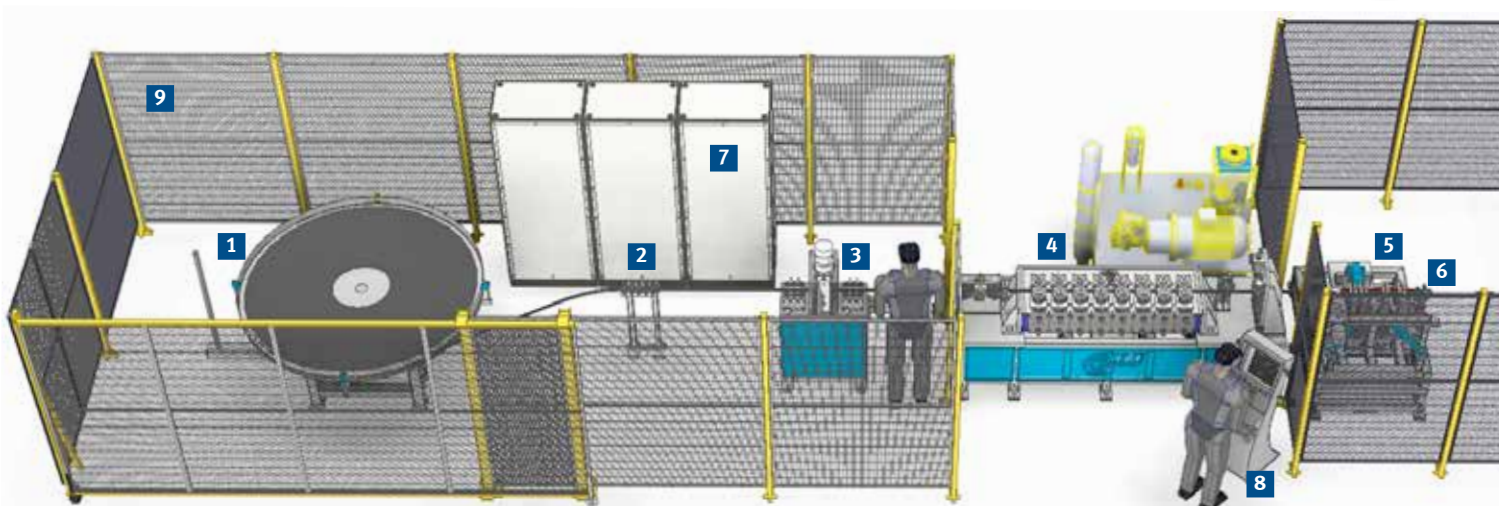
Automotive Industry



For videos, please scan QR code

24

The automotive industry is one of the largest and most diverse industries in the world, encompassing the design, development, manufacturing, marketing, and selling of motor vehicles.



9

1

2

7

3

4

5

6

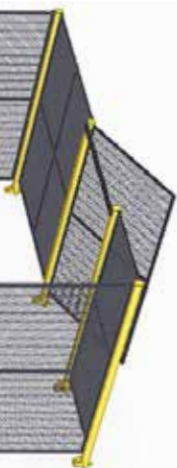
8



The automotive industry has a broad array of production. In our Production program provide a high-quality and flexible production line for automobile elements such as:

- Accessories and decorative items
- The guides to doors window profiles
- The guide to seat profiles
- The rear and front bumpers, chassis

1. Double Head Hydraulic Decoiler with Fence System
2. Compact Press Feeding Line
3. Roll Forming Machine (classic type)
4. Roll Forming Machine, after forming Punching Stations and Cutting Unit
5. Horizontal Roll Forming Machine



Layout (3D) for horizontal type production line include:

1. Decoiler
2. Strip Guide
3. Straightener and Feeder Unit
4. Roll Forming Machine
5. Bending Station
6. Magnetic Exit Conveyor
7. Automation System and Electrical cabinet
8. Control Panel
9. CE and Fence Safety System





Agricultural Transport System



For videos, please scan QR code

26

The agricultural transport system refers to the specialized vehicles and infrastructure used in agriculture for the movement of goods, equipment, and produce. Agriculture is one of the most transport-intensive sectors of national economy.

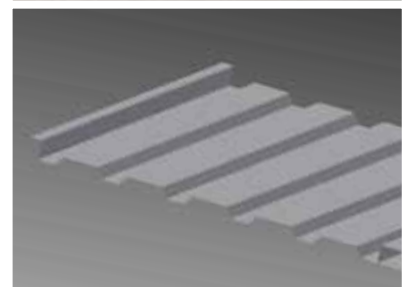
Flexible lines of EAE Machinery allow high-quality onboard profiles for trailers, trucks and spars for trucks, effectively and economically, taking into account the needs and possibilities of the client, with the creation of the turnkey.

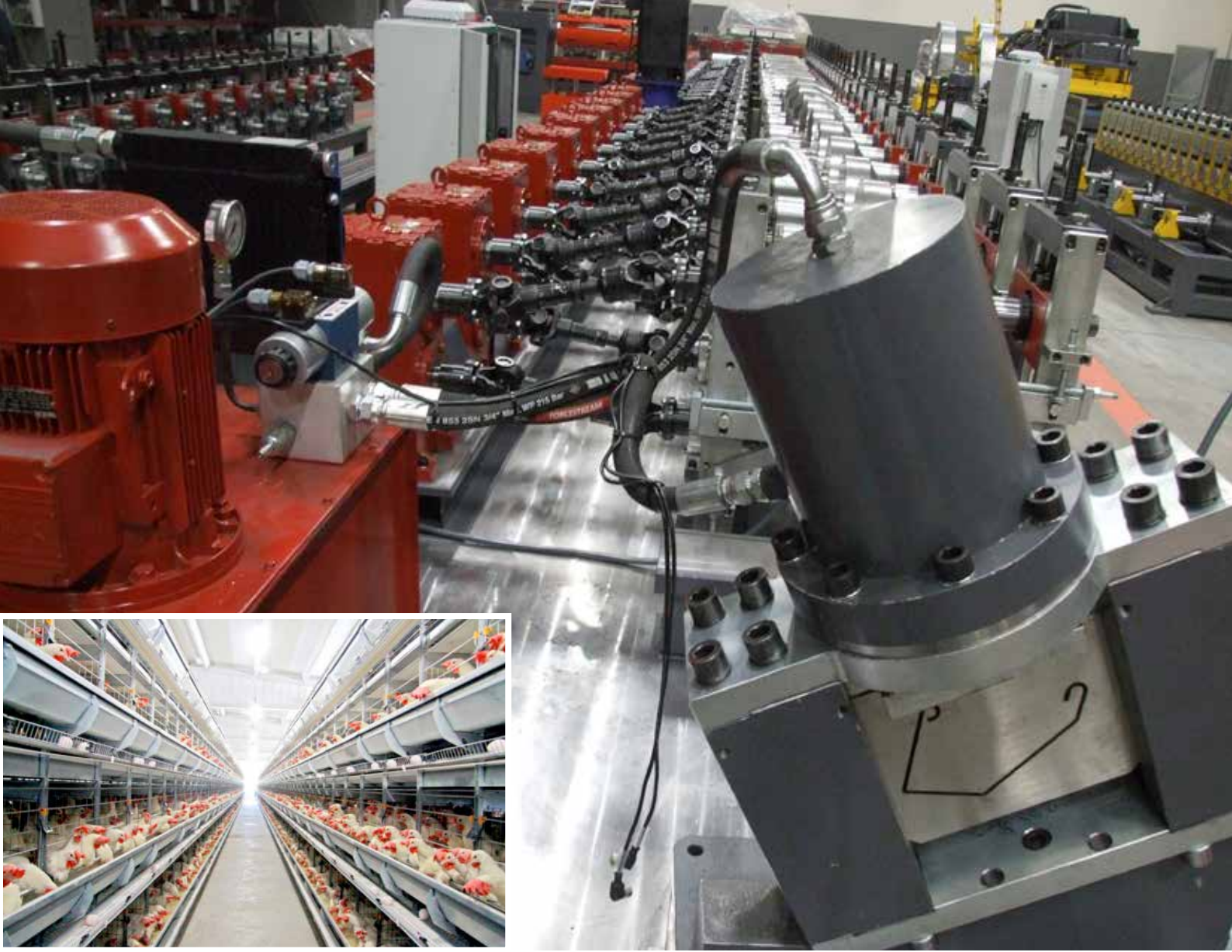
Roll forming machines are utilized in manufacturing **livestock equipment** such as panels, gates, and fencing.

Roll forming lines are versatile manufacturing systems that can be adapted for various applications, including the production of components for agricultural transport systems.

Production line of **trailer side cover** consist:

- Hydraulic Decoiler with Coil Car
- Punching Station as option
- Roll forming Machine with 26 stations
- Cutting Unit
- Exit Roller Conveyor
- Welding Unit as option





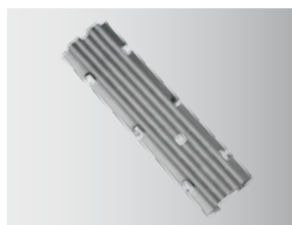
Agriculture and Farming Industry

The agriculture and farming industry is a vital sector that involves the cultivation of land, raising livestock, and producing crops to feed communities and supply raw materials for various industries.

27

Production programs with roll forming machines are used in the agriculture and farming industry for continuous production, such as:

- **Poultry feed plants** profiles for feeding and watering systems and so on. With the integrated production line, designed by the customer.
- Roll forming machines produce **purlins and roofing sheets** used in agricultural buildings like barns, warehouses, and storage facilities.
- **Gutters and downspouts** are necessary for managing rainwater on farms and agricultural properties.
- With the growing adoption of **solar energy** in agriculture, roll forming machines are used to produce **mounting structures for solar panels**.
- **Greenhouse structures** drain the complaint, a special metal by forming become interchangeable cassettes, automatic punching and stacking Roll forming machines produce the frames for greenhouses.
- **Supports for vines** made trellis stands, intermediate and end supports of stamping - shaped complex of equipmen and etc.





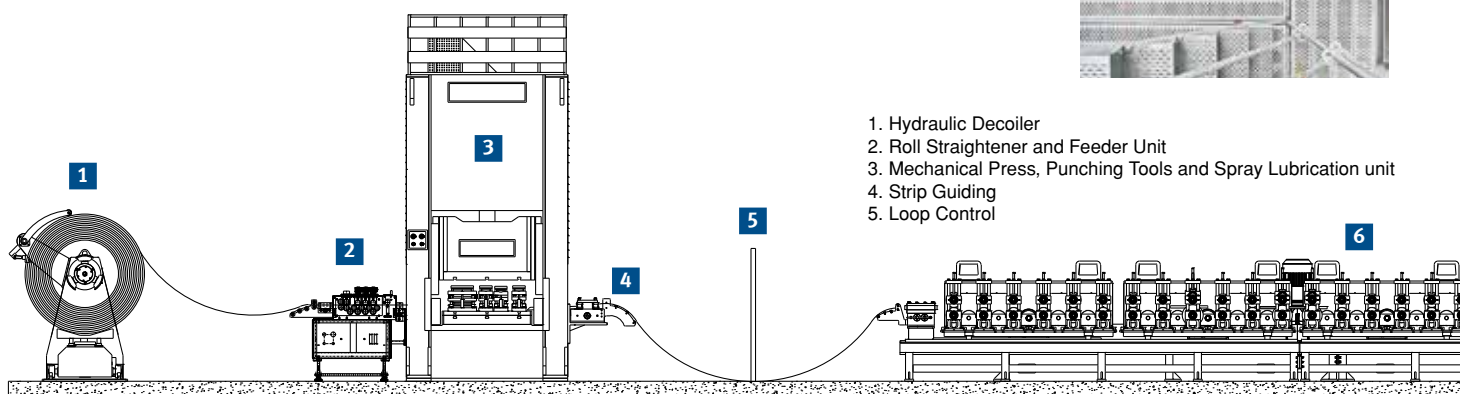
Scaffolding Plank and Accessories, Metal Grid and Decking Systems



For videos, please scan QR code

Scaffolding planks and accessories also known as scaffold boards or walkboards, are essential components in construction and maintenance projects.

They are used to create temporary work platforms or walkways at different heights, allowing workers and their tools to access elevated areas safely. Some common uses of scaffolding planks in Construction and Renovation, Maintenance and Repairs, Painting and Finishing, Roofing Projects, Landscaping and Outdoor Projects, and etc.



1. Hydraulic Decoiler
2. Roll Straightener and Feeder Unit
3. Mechanical Press, Punching Tools and Spray Lubrication unit
4. Strip Guiding
5. Loop Control



3



4



5

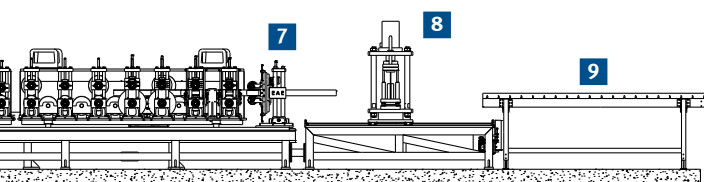


1. Scaffolding Plank and Accessories Production line with cassette type Roll Forming Machine, turnkey solution.
2. Flying Shear with changeable cutting tools for Scaffolding and Accessories.
3. Replacement of the roll forming cassettes by the operator to obtain a profile of a different type.
4. Press and punching process
5. Production line of Metal Grid, Decking includes: Special Double strip feeding Decoiler, Straightener Unit, Loop Control, Mechanical Press and Punching Tools, Double Recoilers.

Metal decking and gratings are used in the construction of scaffolding, stair flights, hanging gangways and fences. Metal decking and gratings are made of iron, galvanized steel and aluminum, depending on the design of the structures.



6. Roll Forming Machine (cassette type)
7. Turkish Head (Calibration)
8. Flying Shear and Tool
9. Roller Exit Conveyor





Gypsum Board (Drywall) and PVC Windows Systems

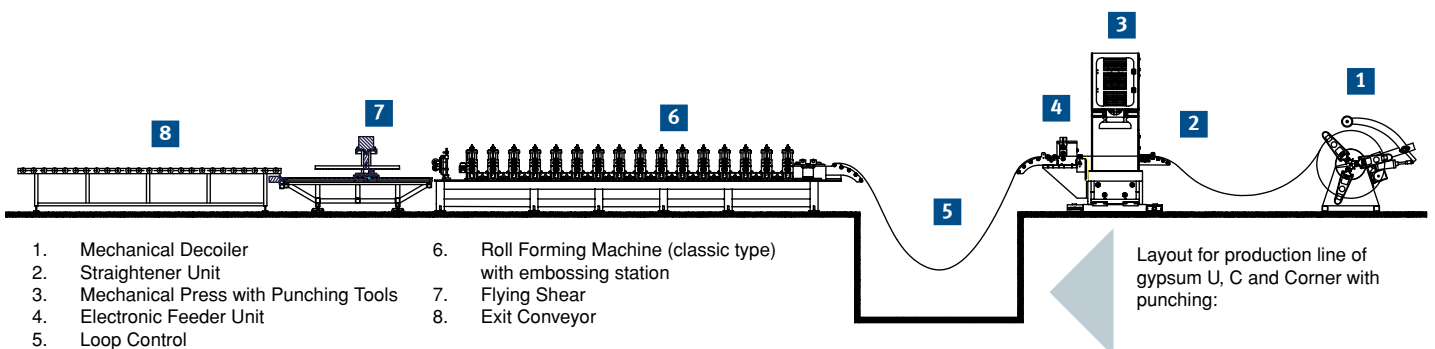
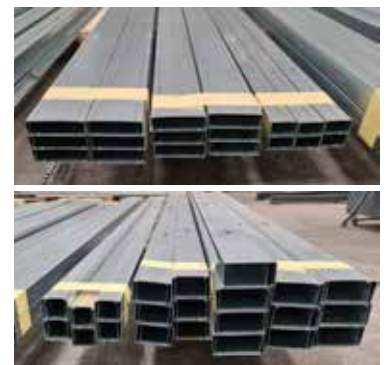


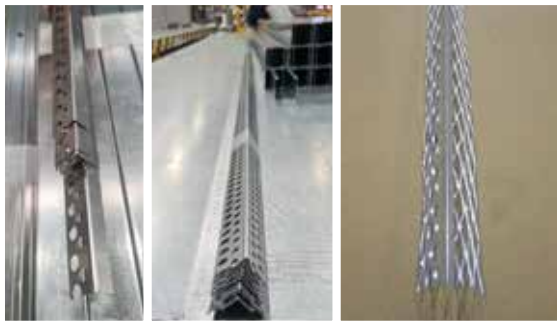
For videos, please scan QR code

30

Gypsum board, commonly known as **drywall**, is a widely used construction material for creating interior walls and ceilings. Drywall systems are popular due to their ease of installation, cost-effectiveness, and versatility. Each profile serves a distinct purpose, allowing for flexibility and customization in interior construction.

PVC window systems are popular choices in the construction industry for windows and doors due to their durability, energy efficiency, and low maintenance requirements.

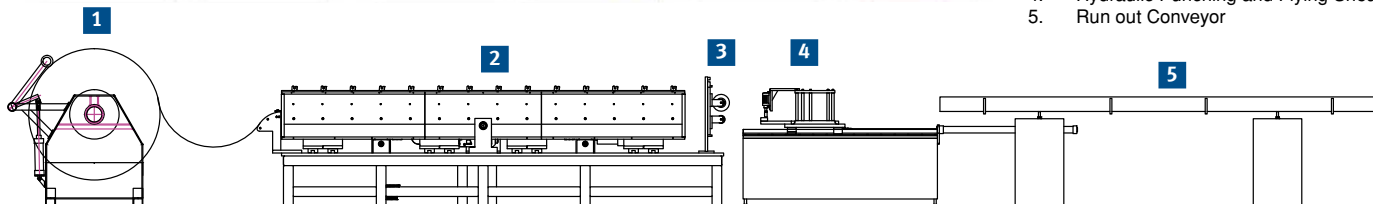
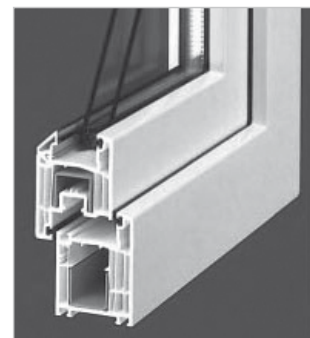




Types of profiles:

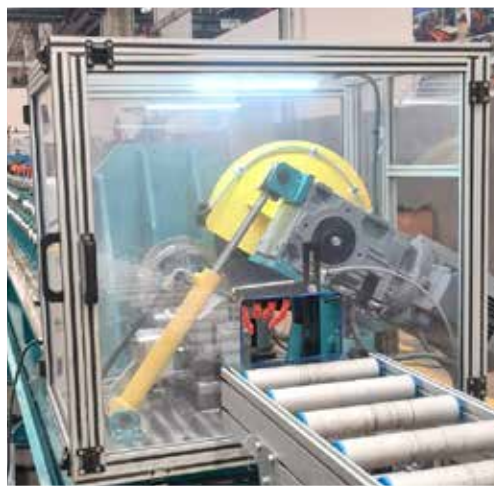
Rack PR, profile guide PG, profile screed strip perforated, perforated corner profile, suspension straight, extension profile, corner fastening, U, C type profiles, and etc.

With our Roll forming machines on flexible production lines are the ideal solution for manufacturing Gypsum Board (Drywall) and PVC Windows Profiles from coiled sheet metal.



Layout for production line of Gypsum U and C profiles:

1. Decoiler
2. Roll Forming Machine (duplex type)
3. Turkish Head
4. Hydraulic Punching and Flying Shear
5. Run out Conveyor



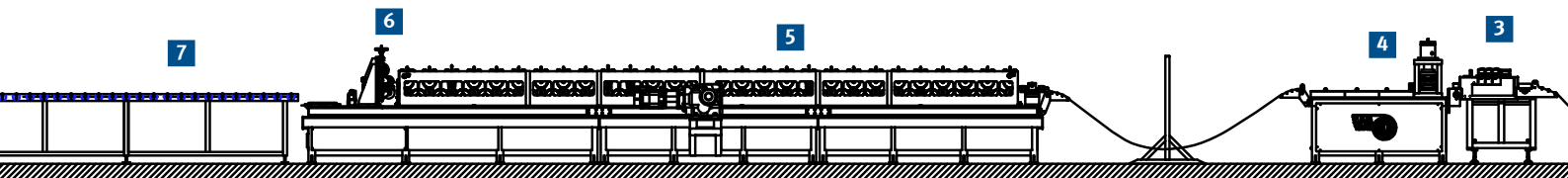
Metal Door and Elevator Systems



For videos, please scan QR code

32 Metal door and elevator systems are essential components in various buildings, providing security, accessibility, and convenience.

- Roll forming lines with interchangeable cassettes to production metal door profiles, door frames, elevating doors fire-prevention.
- Lines with flexible elements for different height, depth and thickness of the door.
- Lines with mechanization of finishing ends, tie locks, ventilation grilles.
- Lines punching and cutting during profiling.



Layout for Production line of Elevator Rail:

1. Decoiler
2. Loop Control
3. Roll Straightener and Feeder Unit
4. Hydraulic Press Group

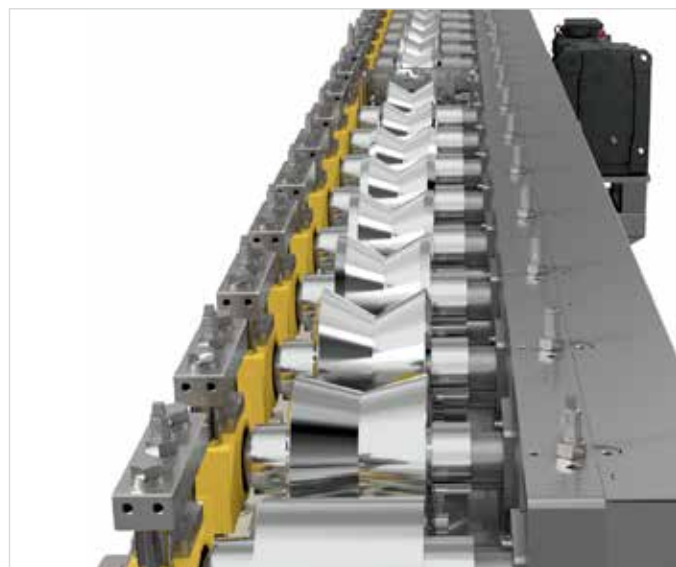
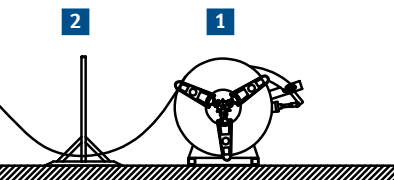
5. Roll Forming Machine (classic type)
6. Saw Cutter
7. Exit Conveyor



Panel Radiator Top Grill and Side Cover

Top grills and side covers not only enhance the performance of panel radiators but also contribute to the overall aesthetics and safety of the heating system.

1. Flexible Production Line for Top and Side Cover consist are Decoiler, Straightener and Feeder, Mechanical Press with punching tools, Exit conveyor.
2. Roll Forming Machine classic type with punching station.





Gutters, Downspout Pipes and Corrugated roof Systems



For videos, please scan QR code

34

EAE Machinery Roll forming technology's efficiency and flexibility make it a popular choice for producing gutters, downspouts, pipes, and corrugated roof panels.

- **Gutter and downspout pipes** produce from metal coils of materials like galvanized steel, copper, aluminum or pre-painted steel. These materials are durable and weather-resistant, making them suitable for gutter and downspout applications.
- **Corrugated roof panels** are also made of coiled sheet metal, often galvanized steel, copper or aluminum, which offer durability and resistance to corrosion.





Benefits of Roll Forming in Gutters, Downspout Pipes, and Corrugated Roof Panels Production: **precision, efficiency, material optimization, durability.**

Gutters and downspouts pipe, as well as corrugated roof panels, find applications across various sectors due to their essential roles in managing rainwater and providing structural support, such as:

- Residential Sector
- Commercial and Industrial Sector
- Agriculture and Farming Sector
- Construction Sector
- Infrastructure and Municipal Sector and etc.

1. Double Head Hydraulic Decoiler
2. Roll Forming Line for Gutter profile
3. Roll Forming Line Downspouts pipe (3D Drawing)
4. Cassette type Roll Forming Line
5. Special design Cutting Unit for Pipe profile
6. Production Line for Corrugated Roof Panels
Special Stacking system according to customer requirement



Layout (3D) for Production line of Downspout Pipes





Vehicle (Car) License Plate Systems



For videos, please scan QR code

Vehicle license plate systems, also known as number plate systems, are an essential component of vehicle identification and registration in many countries. Turnkey Production Line of Vehicle license plate consist are many machines.

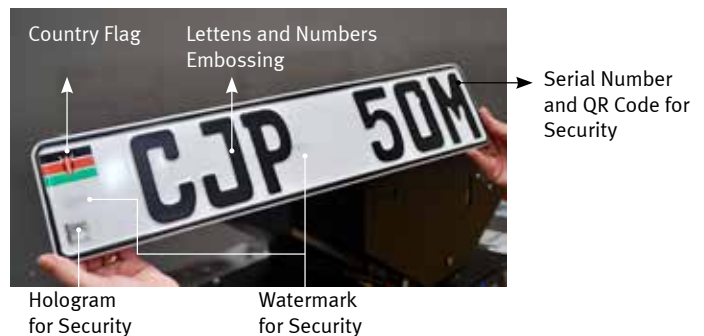
Automatic Production Line

- Horizontal Decoiler
- Special Feeder Unit
- Reflective Foil Lamination Unit
- Feeding, Forming and Cutting Unit
- Laser Marking Unit (PC controlled)
- Inkjet Marking (option)
- Laser Marking (option)
- Stacking and run-out conveyor

Semi-automatic production part

- Embossing Press for number and letter
- Hot Foil Stamping Machine
- Hologram Hot Stamping Machine for security

Turnkey Vehicle (Car) License Plate consists are:
(may vary depending on the country)





Painting Facility Panels Production Lines

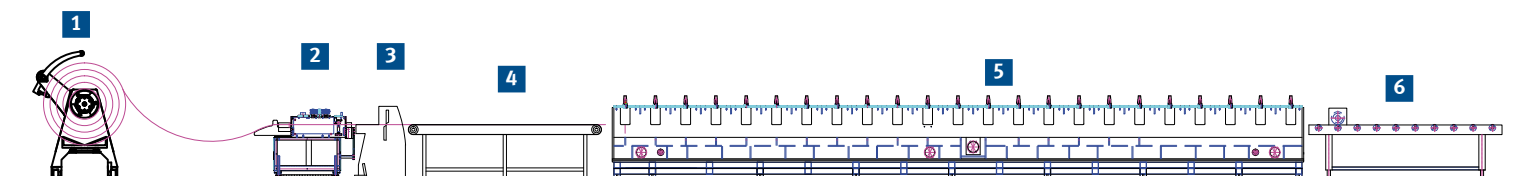
Our company manufactures machines for production cover panel profiles of various sizes and materials, which are used for paint facilities.

Automatic Production Line for Painting Panels consists are:

1. Hydraulic Decoiler
2. Roll Straightener Unit
3. Cutting Unit
4. Transfer Conveyor
5. Roll Forming Machine (duplex type)
6. Exit Conveyor



37





Coil Feeding Line Integrated with Industry 4.0 (Full Automatic)

38

As EAE Machinery we have started a digitalisation program years ago. We are taking up the challenges of digital transformation and Industry 4.0 . We continuously develop innovative solutions that boost your productivity of your roll forming lines

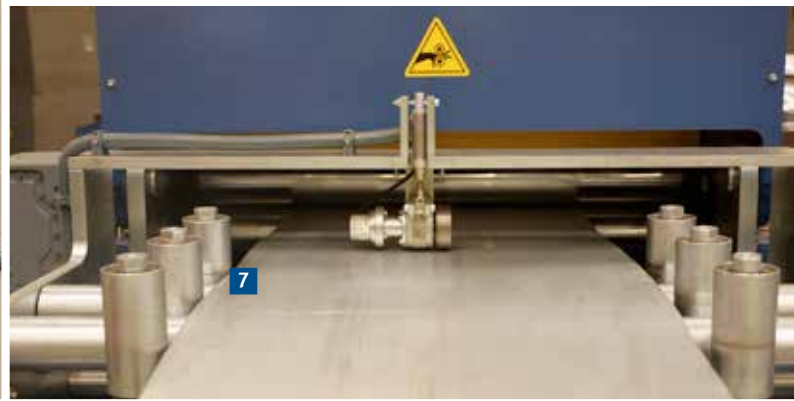
Benefiting from state-of-the-art development methods, our software solutions for real time monitoring, predictive maintenance and shop floor visibility contribute in saving money and increasing profitability.

With use of Industrial IoT and AI (Artificial Intelligence) technologies we turn machine and sensor data into information and information into value. EAE's new solutions, you can monitor and control all your machines and production through a single solution. This solution helps you connect your machine to the cloud and allows all data to be retrieved from the machines and processed with different ways.

If you want more interaction of your field operators with real time production data and report you digitally, you can also use our MES system. As conventional MES systems we can provide your operators screens that can be opened by any device (tablet, kiosk etc.).

More conveniently, we can embed MES functionalities on your HMIs. In this way, your operators will not need to deal with several screens / interfaces.

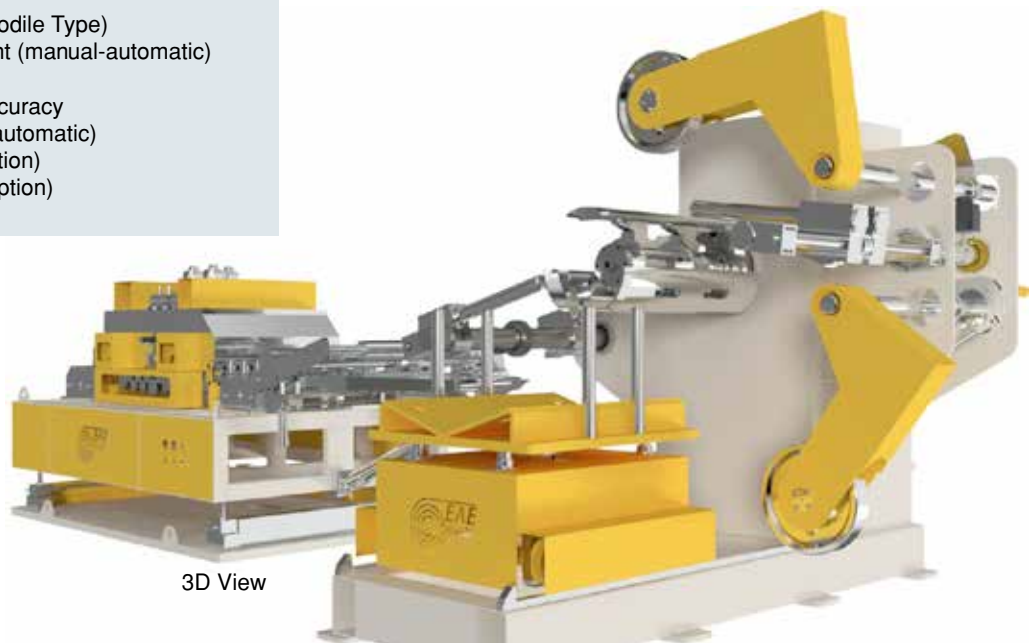




1. Coil Loading Process (manual-automatic)
2. Barcode Reader on the Coil metal
3. Entry Peeler
4. Openable Rolls Group (Crocodile Type)
5. Straightener Rolls Adjustment (manual-automatic)
6. Gear Transmission System
7. External Encoder for high accuracy
8. Height Adjustment (manual-automatic)
9. Die Recognizing System (option)
10. Industry 4.0 Applications (option)



For videos, please scan QR code



3D View



From coil to final product...



EAE Makina San. ve Tic. A.Ş.

Head office İkitelli Organize Sanayi Bölgesi, Ziya Gökalp Mh.
Eski Turgut Özal Cd. No:20, 34490 Başakşehir - İstanbul / TÜRKİYE
Tel: +90 (212) 549 95 66

Factory Makine İhtisas Organize Sanayi Bölgesi 6. Cad. No:2
Demirciler Köyü. 41455 Dilovası - Kocaeli / TÜRKİYE
Tel: +90 (262) 999 05 80

E-mail:

mkn.satis@eaegroup.com
mkn.marketing@eaegroup.com
mkn.machinery@eaegroup.com

